

Tuesday, May 02, 2017 2:50:32 PM

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MAY 08 2017

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QS1042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By _____					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Work Order ID 160649

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160649

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Item ID: D4405-1

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Eye And Fork Swivel

Start Date: 5/2/2017 Start Qty: 2.00

2

Cust Item ID:

Required Date: 5/9/2017 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

0.02

Memo

LOCATION: WA002

2

MAY 09 2017

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.20

17/5/11

Quality Control

DAS
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9-89

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Picklist Print

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Work Order ID: 160649

160649

Parent Item: D4405-1

D4405-1

Parent Item Name: Eye And Fork Swivel

Start Date: 5/2/2017

Required Date: 5/9/2017

Start Qty: 2.00

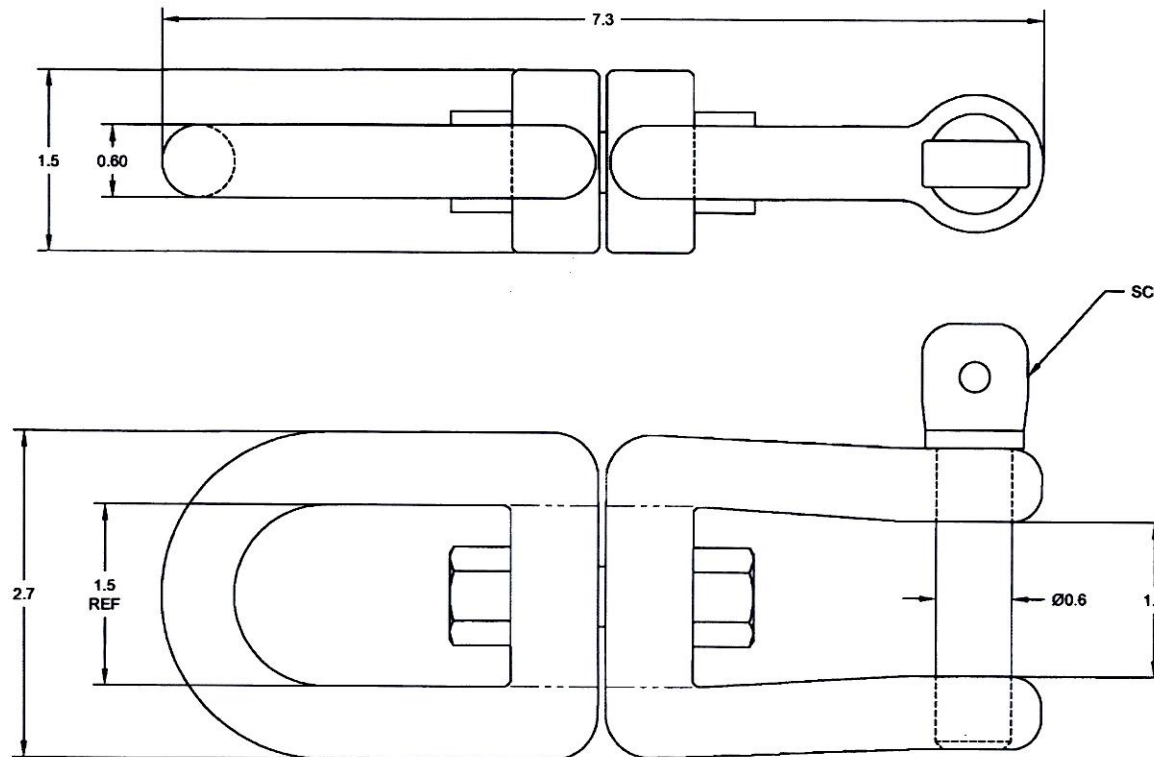
Required Qty: 2.00

Comments: IPP rev A 11.05.24 new issue EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
30365T35		Purchased	No			100	Each	0.0000	1	2			
30365T35									**				
Swivel Eye & Fork													

2xSP17-5-8

SPECIFICATION CONTROL DRAWING



MAY 02 2017
DAS
13
9-89

SCREW

W10.160649

RELEASED
2011-05-19

D4405-1 EYE AND FORK SWIVEL

NOTES:

- 1) MATERIAL: STAINLESS STEEL
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 2.0 lbs APPROX
- 8) PREFERRED SUPPLIER McMASTER CARR PART NUMBER 30365T35
- 9) THIS PART IS NOT AIRWORTHY

A		NEW ISSUE		AJS	11.05.18
REV.	DESCRIPTION			BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN	AJS				
CHECKED		DRAWING NO.	REV. A		
MFG. APPR.		D4405	SHEET 1 OF 1		
APPROVED		TITLE	SCALE		
DE APPR.	N/A	EYE AND FORK SWIVEL - S.C.D	NTS		
DATE	11.05.18	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36214**

Purchase Order Date 5/5/2017

PO Print Date 5/5/2017

Page Number 1 of 6

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
MAY 05 2017

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	30365T35	Swivel Eye & Fork	5/10/2017 Yes 5/10/2017		2.00 Each	\$69.79	\$139.58
	AS PER DWG D4405 REV. A B160649						
						Line Total:	\$139.58
2	59915K274	Rod End Bearing	5/10/2017 Yes 5/10/2017		10.00 Each	\$19.05	\$190.50
	AS PER DWG D4777 REV. A B160650						
						Line Total:	\$190.50
3	9776K38	Hook & Loop Strip 1"	5/10/2017 No 5/10/2017		150.00 f	\$1.21	\$181.18
	AS PER DWG D3800 REV. B B160655						

Note:

5/5/2017



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO36214
Order Placed By
Chantal Lavoie

McMaster-Carr Number
2894755-02

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05/05/2017

Line	Product	Ordered	Shipped
1	30365T35 Eye-to-Clevis Swivel - Not for Lifting 316 Stainless Steel, 5-3/4" Long	2 Each	2
2	59915K274 Corrosion-Resistant Ball Joint Rod End 3/8"-24 Thread, Right Hand	10 Each	10
3	9776K38 1" Wide x 75' Long Loop, Adhesive Back, Beige	2 Each	2
4	9776K33 1" Wide x 75' Long Hook, Adhesive Back, Beige	2 Each	2
6	90145A624 18-8 Stainless Steel Dowel Pin 3/8" Diameter, 1" Long, Packs of 5	20 Packs	20
7	90145A542 18-8 Stainless Steel Dowel Pin 1/4" Diameter, 1" Long, Packs of 10	2 Packs	2
8	8492A064 Press-Fit Drill Bushing with Head 0.2656" ID, 1/2" OD	8 Each	8
9	3344T54 Ratchet Puller with Wire Rope Standard Handle, 2000 lbs. Capacity, 12 Feet Reach	1 Each	1
10	2757A34 Cutting Wheel for Tube and Pipe Cutter Ridgid 35S, Packs of 2	2 Packs	2
11	3033A232 Heat-Resistant Cobalt Steel Jobbers Drill Bit Wire Gauge 20, 3-1/4" Overall Length, 1.9" Drill Depth, 135Deg Point	12 Each	12
12	8491A105 Press-Fit Drill Bushing 0.161" ID, 1/2" Long	40 Each	40
13	7219K5 1 Gang Industry Designation Blank Cover for Weatherproof Outlet Box	6 Each	6
14	2105T12 Plastic Surface-Mount Outlet Box White, for 1 Device	10 Each	10
15	4372T28 Spray Bottle with Checklist and Write-on Area 24 oz. Capacity, Packs of 4	1 Pack	1

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Shipped separately from our Chicago warehouse on 05/05

SP17-5-8

5 **75045A66** Flexible Epoxy Structural Adhesive 3M 2216, 26.6 oz. Can

1
Each 1